Index of Claims

| Applie | cation No. |
|--------|------------|
|--------|------------|

10/619,578

Examiner

David Lam

Applicant(s)

SHIBAYAMA, AKINORI

**Art Unit** 

2827

Rejected Allowed

(Through numeral)
Cancelled

÷

Restricted

Non-Elected N

Interference

**Appeal** Α

0

Objected

|          |  |             |        |   |          |          |            |   | <u> </u> | <u> </u>             |  |
|----------|--|-------------|--------|---|----------|----------|------------|---|----------|----------------------|--|
|          |  |             |        |   |          |          |            |   |          |                      |  |
| Cla      | aim  | Date        |        |   |          |          |            |   |          |                      |  |
| Final    |  | 5/16/05     |        |   |          |          |            |   |          |                      |  |
|          | 1  | =           |        |   |          |          | $\vdash$   |   |          |                      |  |
|          | 2  |             |        |   |          |          |            | _ |          |                      |  |
| ***      | 3  |             | $\Box$ |   |          |          |            |   |          |                      |  |
|          | 4  | $\sqcap$    |        |   |          |          |            |   |          |                      |  |
|          | 5  |             |        |   | <u> </u> |          |            |   |          | $\Box$               |  |
|          | 6  | $\sqcap$    |        |   |          |          |            |   |          | П                    |  |
|          | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8         | $\prod$     |        |   |          |          |            |   |          | П                    |  |
|          | 8  |             |        |   |          |          |            |   |          | П                    |  |
|          | 9  |             |        |   |          |          |            |   |          | П                    |  |
|          | 10   | П           |        |   |          |          |            |   |          | П                    |  |
|          | 11   | $\prod$     |        |   |          |          |            |   |          | П                    |  |
|          | 12   |             |        |   |          |          |            |   |          |                      |  |
|          | 13   |             |        |   |          |          |            |   |          |                      |  |
|          | 14   |             |        |   |          |          |            |   |          |                      |  |
|          | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17 |             |        |   |          |          |            |   |          |                      |  |
|          | 16   |             |        |   |          |          |            |   |          |                      |  |
|          | 17   |             |        |   |          |          |            |   |          |                      |  |
|          |  |             |        |   |          |          |            |   |          |                      |  |
|          | 19   | Ш           |        |   | <u> </u> |          |            |   |          |                      |  |
|          | 20   | Ш           |        |   |          |          |            |   |          |                      |  |
|          | 21   | Щ           |        |   |          |          |            |   |          | Ш                    |  |
|          | 22   | Щ           |        |   |          |          | _          |   |          | Ш                    |  |
|          | 23   |             |        |   | _        | _        |            |   |          | Ш                    |  |
|          | 24   | 4           |        |   |          |          |            |   |          |                      |  |
|          | 25   |             |        |   | ļ        | <u> </u> | ļ. <u></u> |   |          |                      |  |
|          | 26   | =           |        |   |          |          |            |   |          | $\vdash$             |  |
|          | 27   |             |        | _ |          |          |            |   |          | $\vdash$             |  |
|          | 28   |             |        |   |          |          |            |   |          | $\square$            |  |
| $\vdash$ | 29   |             |        |   |          | _        |            |   |          | <b>  </b>            |  |
|          | 30   |             |        |   |          |          |            |   |          | $\square$            |  |
|          | 31   |             |        |   | _        |          | _          |   |          |                      |  |
|          | 32<br>33                                     |             |        |   |          |          |            |   |          | H                    |  |
|          | 34   |             |        | - |          |          |            |   |          | $\vdash \vdash \mid$ |  |
|          | 35   | <del></del> |        |   |          |          | <u> </u>   |   |          | $\vdash \vdash$      |  |
|          | 36   |             |        |   |          |          |            |   |          | H                    |  |
|          | 37   |             |        |   |          |          |            |   |          | H                    |  |
|          | 38   |             |        |   |          | -        |            |   |          |                      |  |
|          | 39   |             |        |   |          |          |            | _ |          |                      |  |
| ,        | 40   |             |        |   |          |          |            |   |          | $\square$            |  |
|          | 41   |             |        |   |          |          |            |   |          |                      |  |
|          | 42   |             |        |   |          |          |            |   |          |                      |  |
|          | 43   |             |        |   |          |          |            |   |          |                      |  |
|          | 44   |             |        |   |          |          |            |   |          |                      |  |
|          | 45   |             |        |   |          |          |            |   |          |                      |  |
|          | 46   |             |        |   |          |          |            |   |          |                      |  |
|          | 47   |             |        |   |          |          |            |   |          |                      |  |
|          | 48   |             |        |   |          |          |            |   |          |                      |  |
|          | 49   |             |        |   | <u> </u> |          | <u> </u>   |   |          | Ш                    |  |
|          | 50   |             |        | L | L        |          | <u> </u>   |   | l        |                      |  |

| Cla      | aim                        |          |  |  |                | Date     | e  |          |          |                 |
|----------|----------------------------|----------|--|--|----------------|----------|--|----------|----------|-----------------|
|          |                            |          |  |  |                |          |  |          |          |                 |
| <u></u>  | Original                   |          |  |  |                |          |  |          |          |                 |
| Final    | <u> </u>                   |          |  |  |                | ĺ        |  |          |          |                 |
| -        | Ō                          |          | Ì  | ĺ  |                | ŀ        |  |          |          |                 |
| <u> </u> | F4                         |          | -  | ├  |                | -        | -  |          |          | -               |
|          | 21                         | _        | <del> </del> —                                   | ├  | <del> </del> — |          | <u> </u>   |          | ļ        | $\vdash$        |
|          | 52                         | <u> </u> |  | <u> </u>   | <u> </u>       | <u> </u> | ļ  |          | <u> </u> |                 |
|          | 53                         |          |  | _  | <u> </u>       |          | ļ  | ļ        | <u> </u> |                 |
|          | 51<br>52<br>53<br>54<br>55 |          | _  |  | _              |          |  | _        | _        | Щ               |
|          | 55                         |          |  | _  |                |          | _  | _        |          |                 |
|          | 56<br>57                   |          |  |  |                |          |  |          |          |                 |
|          | 57                         |          |  |  |                |          |  |          |          |                 |
|          | 58                         |          |  |  |                |          |  |          |          |                 |
|          | 59                         |          |  |  |                |          |  |          |          |                 |
|          | 60                         |          |  |  |                |          |  |          |          | $\overline{}$   |
|          | 61                         |          |  | $\vdash$   |                | $\vdash$ | $\vdash$   |          |          | $\vdash$        |
|          | 62                         |          |  | $\vdash$   |                |          | $\vdash$   |          |          | $\vdash$        |
|          | 63                         |          |  |  |                |          |  |          | -        | $\vdash\vdash$  |
|          | 64                         |          |  | <del> </del>                                     |                | <u> </u> | <del> </del>                                     |          |          |                 |
|          | 64                         |          |  | <del> </del>                                     |                |          | <del>                                     </del> | <u></u>  | -        |                 |
|          | 65                         |          |  | <u> </u>   |                |          | <b> </b>   |          |          | Щ               |
|          | 66                         |          |  |  |                |          | <b> </b>   |          |          | Щ               |
|          | 67                         | ·        |  | <u> </u>   |                |          | _  |          | _        |                 |
|          | 68                         | _        |  | <u> </u>   |                |          |  |          | _        |                 |
|          | 69                         |          |  | <u> </u>   |                |          |  | L_       |          |                 |
|          | 70                         |          |  | <u> </u>   |                |          |  |          | _        |                 |
|          | _71                        |          |  |  |                |          | _  |          |          |                 |
|          | 72                         |          |  |  |                |          |  |          |          |                 |
|          | 73                         |          |  |  |                |          |  |          |          |                 |
|          | 74                         |          |  |  |                | <u> </u> |  |          |          |                 |
|          | 75                         |          |  |  |                |          |  |          |          |                 |
|          | 76                         |          |  |  |                |          | L  |          | <u> </u> |                 |
|          | 77                         |          |  |  |                |          |  |          | L        |                 |
|          | 78                         |          |  |  |                |          |  |          |          |                 |
|          | 79                         |          |  |  |                |          |  |          |          |                 |
|          | 80                         |          |  |  |                |          |  |          |          |                 |
|          | 81                         |          |  |  |                |          |  |          |          |                 |
|          | 82                         |          |  |  |                |          |  |          |          |                 |
|          | 83                         |          |  |  |                |          |  |          |          |                 |
|          | 84                         |          |  |  |                |          |  |          |          | Н               |
|          | 85                         |          |  |  |                |          |  |          |          |                 |
|          | 86                         |          |  |  |                |          |  |          |          | $\vdash$        |
|          | 87                         |          | <del>                                     </del> |  |                |          |  |          |          |                 |
|          | 88                         |          | _  | $\vdash$   |                |          |  |          |          | $\vdash \dashv$ |
|          | 89                         | H        |  |  |                |          | $\vdash$   |          | -        | $\vdash \vdash$ |
|          | 90                         |          |  | <del>                                     </del> | -              | $\vdash$ |  |          |          | $\vdash \vdash$ |
|          | 91                         |          |  | -  |                |          | <u> </u>   |          |          |                 |
|          | 92                         |          |  | -  |                |          |  |          |          |                 |
|          | 93                         |          | _  |  |                |          |  | -        |          |                 |
|          | 94                         |          |  |  |                |          |  |          | -        | $\Box$          |
|          | 95                         | $\vdash$ |  |  |                |          | -  |          |          | $\vdash \vdash$ |
|          | 96                         |          |  | -  |                |          |  |          |          |                 |
|          | 97                         |          | _  |  |                | -        |  |          |          | Н               |
|          | 98                         | $\vdash$ | -  |  |                |          |  |          |          | $\Box$          |
|          | 99                         |          |  |  | <b>-</b>       |          | <del>                                     </del> | _        |          | Н               |
|          | 100                        | <b></b>  |  | <del>                                     </del> |                |          |  | <u> </u> |          | П               |
|          | ئت                         |          |  |  |                |          | 1,   |          |          |                 |

| Claim         Date           Tell Do         Tell Do           101         102           103         104           105         106           107         108           109         110           111         112           113         114           115         116           117         118           119         120           121         122           123         124           125         126           127         128           129         130           131         132           133         134           135         136           137         138           139         140           141         142           143         144           145         146           146         147           148         149           150         150  |     |     |          | <br> |   |      | • | •    |          |
|---|-----|-----|----------|------|---|------|---|------|----------|
| Image: Sign of the control o | Cli | aim |          |      | [ | Date |   |      |          |
| 106         107         108         109         110         111         112         113         114         115         116         117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |     |     |          |      |   |      |   |      |          |
| 106         107         108         109         110         111         112         113         114         115         116         117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |     | 101 | -        | <br> |   |      |   |      | $\vdash$ |
| 106         107         108         109         110         111         112         113         114         115         116         117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |     | 102 |          |      | , |      |   |      |          |
| 106         107         108         109         110         111         112         113         114         115         116         117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |     | 103 |          |      |   |      |   |      |          |
| 106         107         108         109         110         111         112         113         114         115         116         117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |     | 104 |          |      |   |      |   |      |          |
| 106         107         108         109         110         111         112         113         114         115         116         117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |     | 105 |          |      |   |      |   |      |          |
| 108   |     | 106 |          |      |   |      |   |      |          |
| 108   |     | 107 |          |      |   |      |   |      |          |
| 109   |     | 108 |          |      |   |      |   | <br> |          |
| 110         111         112         113         114         115         116         117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |     | 109 |          |      |   |      |   |      |          |
| 117       118         119       120         121       122         123       124         125       126         127       128         129       130         131       132         133       134         135       136         137       138         139       140         141       142         143       144         145       146         147       148         149       149   |     | 110 |          |      |   |      |   |      |          |
| 117       118         119       120         121       122         123       124         125       126         127       128         129       130         131       132         133       134         135       136         137       138         139       140         141       142         143       144         145       146         147       148         149       149   |     | 111 |          |      |   |      |   |      |          |
| 117       118         119       120         121       122         123       124         125       126         127       128         129       130         131       132         133       134         135       136         137       138         139       140         141       142         143       144         145       146         147       148         149       149   |     | 112 |          |      |   |      |   |      |          |
| 117       118         119       120         121       122         123       124         125       126         127       128         129       130         131       132         133       134         135       136         137       138         139       140         141       142         143       144         145       146         147       148         149       149   |     | 113 |          |      |   |      |   |      |          |
| 117       118         119       120         121       122         123       124         125       126         127       128         129       130         131       132         133       134         135       136         137       138         139       140         141       142         143       144         145       146         147       148         149       149   |     | 114 |          |      |   |      |   |      |          |
| 117       118         119       120         121       122         123       124         125       126         127       128         129       130         131       132         133       134         135       136         137       138         139       140         141       142         143       144         145       146         147       148         149       149   |     | 115 |          |      |   |      |   |      |          |
| 117       118         119       120         121       122         123       124         125       126         127       128         129       130         131       132         133       134         135       136         137       138         139       140         141       142         143       144         145       146         147       148         149       149   |     | 116 |          |      |   |      |   |      |          |
| 118       119         120       121         122       123         124       125         126       127         128       129         130       131         132       133         134       135         136       137         138       139         140       141         142       143         144       145         148       149   |     |     |          |      |   |      |   |      |          |
| 119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |     | 118 |          |      |   |      |   |      |          |
| 120       121         122       123         124       125         126       127         128       129         130       131         132       133         133       134         135       136         137       138         139       140         141       142         143       144         145       146         149       149   |     | 119 |          |      |   |      |   |      |          |
| 121       122         123       124         125       126         127       128         129       130         131       132         133       134         135       136         137       138         139       140         141       142         143       144         145       146         149       149   |     |     | -        |      |   |      |   |      |          |
| 122       123         124       125         126       127         128       129         130       131         132       133         134       135         136       137         138       139         140       141         142       143         145       146         147       148         149       149   |     |     |          |      |   |      |   |      |          |
| 123       124         125       126         127       128         129       130         131       132         133       134         135       136         137       138         139       140         141       142         143       144         145       146         148       149   |     |     | •        |      |   |      |   |      |          |
| 125       126         127       128         129       130         131       132         133       134         135       136         137       138         139       140         141       142         143       144         145       146         148       149   |     |     | <u> </u> |      |   |      |   |      |          |
| 125       126         127       128         129       130         131       132         133       134         135       136         137       138         139       140         141       142         143       144         145       146         148       149   |     |     |          |      |   |      |   |      |          |
| 127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |     |     |          |      |   |      |   |      |          |
| 128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |     | 126 |          |      |   |      |   |      |          |
| 129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |     |     |          |      |   |      |   |      |          |
| 130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |     | 128 |          |      |   |      |   |      |          |
| 131       132         133       134         135       136         137       138         139       140         141       142         143       144         145       146         149       149   |     | 129 |          |      |   |      |   |      |          |
| 132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |     | 130 |          |      |   |      |   |      |          |
| 133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |     |     |          |      |   |      |   |      |          |
| 134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |     | 132 |          |      |   |      |   |      |          |
| 135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |     | 133 |          |      |   |      |   |      |          |
| 136       137       138       139       140       141       142       143       144       145       146       147       148       149   |     |     |          |      |   |      |   |      |          |
| 137         138         139         140         141         142         143         144         145         146         147         148         149   |     | 135 |          |      |   |      |   |      |          |
| 138         139         140         141         142         143         144         145         146         147         148         149   |     |     |          |      |   |      |   |      |          |
| 139         140         141         142         143         144         145         146         147         148         149   |     |     |          |      |   |      |   |      |          |
| 140       141       142       143       144       145       146       147       148       149   |     | 138 |          |      |   |      |   |      |          |
| 141       142       143       144       145       146       147       148       149   |     | 139 |          |      |   |      |   |      |          |
| 142   |     | 140 |          |      |   |      |   |      |          |
| 143   |     | 141 |          |      |   |      |   |      |          |
| 144   |     | 142 |          |      |   |      |   |      |          |
| 145   |     | 143 |          |      |   |      |   |      |          |
| 146   |     |     |          |      |   |      |   |      |          |
| 146   |     | 145 |          |      |   |      |   |      |          |
| 148   |     |     |          |      |   |      |   |      |          |
| 148   |     | 147 |          |      |   |      |   |      |          |
| 149   |     | 148 |          |      |   |      |   |      |          |
| 150   |     | 149 |          |      |   |      |   |      |          |
|   |     | 150 |          |      |   |      |   |      |          |